



Machining Career Technical Training Area

Advanced Manufacturing Career Pathway Machining

The Job Corps Machining career training program takes 8 to 12 months to complete and requires training in the following subject areas:

- Safety procedures
- Job planning and quality control
- Process adjustment and improvement
- General maintenance
- Power saws
- Drill presses
- Basic and related technology
- Benchwork
- Precision measurement
- Mathematical calculations
- Lathes
- Grinders
- Advanced manufacturing and repair
- Numerical control

Certification:

Students who complete a Job Corps training program are eligible to receive a nationally recognized certificate of completion.

Steps to certification:

Before completing a Machining training program, students should:

- Have the basic math and reading skills necessary to perform the job.
- Complete the core curriculum and pass all written and performance tests.

Average length of training:

8 to 12 months

The salary range for various careers in Machining is:

\$37,000 to \$58,000/year

Green Training



Job Corps students who enter the Machining career technical trade will also train in a variety of green subject areas to prepare for successful careers in the new green economy. Students will develop knowledge and skills in the following green technology and industry practices.

- ✓ OSHA and EPA safety requirements
- ✓ Shop maintenance procedures to reduce waste and promote environmental stewardship
- ✓ Proper cleanup procedures using green materials and products
- ✓ Reduce, Reuse, and Recycle
- ✓ Lean to Green Manufacturing

THE BENEFITS OF JOB CORPS

Industry-recognized certification • Hands-on training and internships • Housing, meals, and basic medical care • Earn while you learn: Biweekly living allowance • Administered by the U.S. Dept. of Labor

What is Job Corps?

- A residential career training program
- Your path to a career in a high-growth industry
- A place to earn your high school diploma or GED
- Career counseling and support after graduation



Career Technical Training programs vary at different Job Corps centers.

Administered by the U.S. Department of Labor, Job Corps is the nation's largest career technical training and education program for students ages 16 through 24. Job Corps is a U.S. Department of Labor Equal Opportunity Employer Program. Auxiliary aids and services are available upon request to individuals with disabilities. TDD/TTY telephone number is (877) 889-5627.